

**WHAT IS CLAIMED IS:**

1. A communication network system to send a data signal by way of a plurality of wireless communication terminals, wherein

5 said plurality of wireless communication terminals includes at least one mobile communication terminal moving on a predetermined route and a plurality of fixed communication terminals fixed along said predetermined route.

2. A communication network system according to claim 1, wherein a mobile communication terminal exists in plurality, each of the fixed communication terminals include a time information storage means to store time information showing a necessary  
10 time to transfer said data signal to other fixed communication terminals by way of each of the mobile communication terminals, timetable storage means to store a timetable of each of the mobile communication terminals and specifying means to specify the mobile communication terminal to which said data signal is transferred based upon said time information and said timetable.

15 3. A communication network system according to claim 2, wherein the mobile communication terminal specified by said specifying means is a mobile communication terminal to reach a desired fixed communication terminal in the shortest time.

4. A communication terminal according to claim 2, wherein said predetermined route is a circulating route, the plurality of mobile communication terminals includes a  
20 first mobile communication terminal and a second communication terminal each of which circulate in a mutually reverse direction, said time information includes a first time information corresponding to said first mobile communication terminal, and second time information corresponding to said second mobile communication terminal.

5. A communication network system according to claim 1, wherein said  
25 predetermined route includes a first route and a second route contracting each other, and

the specified fixed communication terminal is fixed on a contacting point of said first route and said second route, each of the mobile communication terminals includes a first terminal information storage means to store a first terminal information showing a plurality of fixed communication terminals fixed along its own moving route and a transfer means to transfer said data signal to said specified fixed communication terminal in the absence of the desired fixed communication terminal of said first terminal information.

6. A communication network system according to claim 5, wherein said specified fixed communication terminal includes a second terminal information storage means to store second terminal information showing the fixed communication terminals fixed along each of said first route and said second route

7. A communication network system according to claim 1, wherein said mobile communication terminal is provided in a regularly operating bus, and said fixed communication terminal is provided in a stop point of the regularly operating bus.

8. A communication network system to send a data signal by way of a plurality of wireless communication terminals, wherein said plurality of wireless communication terminal includes at least one first communication terminal moving on a predetermined route, and a plurality of second communication terminals existing along said predetermined route.